

Diagram illustrating a system 100. The system includes a central **CONTROLLER** (200) connected to three **CUSTOMER DEVICE**s (110, 120, 130) and three **RETAILER DEVICE**s (140, 150, 160). The controller is connected to the customer devices via a top bus and to the retailer devices via a bottom bus.

FIG. 1

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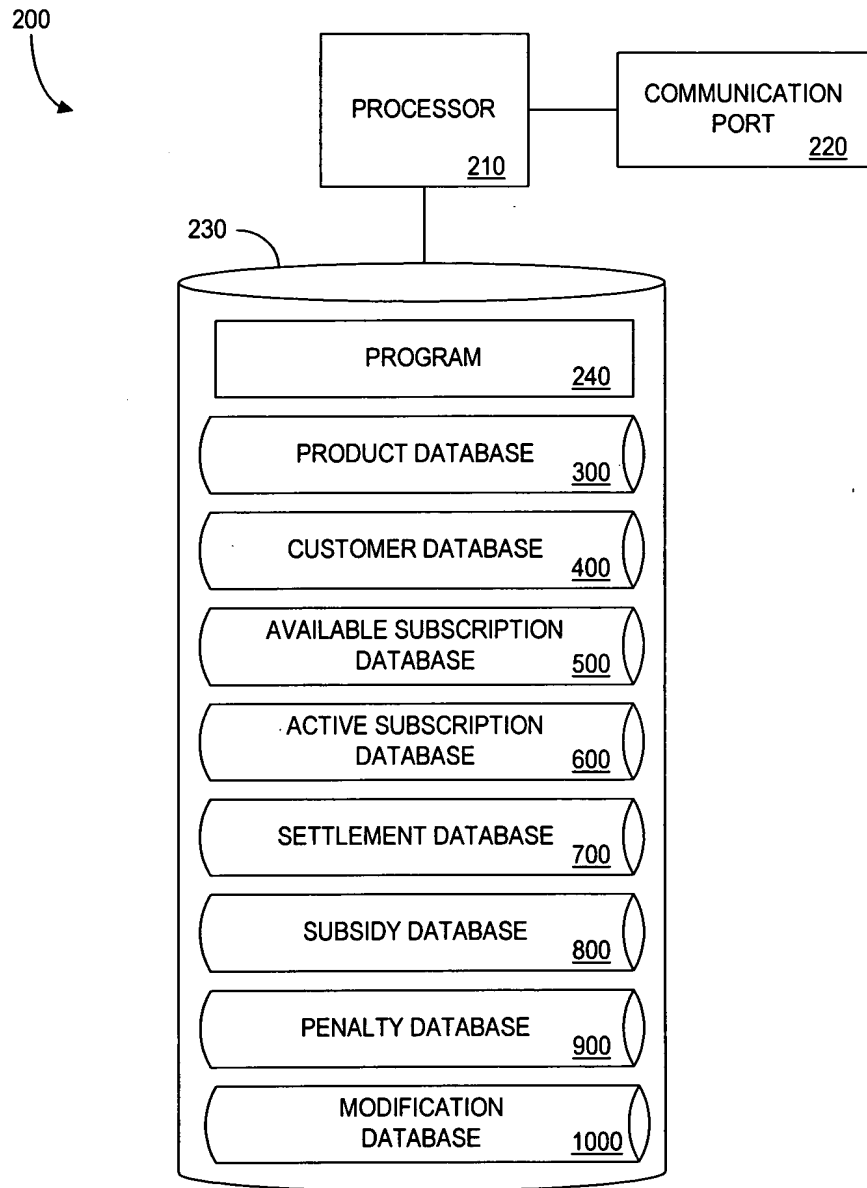


FIG. 2

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300

PRODUCT IDENTIFIER 302	PRODUCT DESCRIPTION 304	RETAIL PRICE 306
P1111	4 PACK OF SOFT-BRAND TOILET PAPER	\$2.04
P2222	1/2 GALLON OF MILK	\$1.23
P3333	STANDARD OIL CHANGE	\$25.00
P4444	1 BAG OF TORTILLA AND 1 JAR OF SALSA	\$5.34
P5555	ANY ITEM FROM THE BAKERY DEPT.	-
P6666	ANY ICE CREAM PRODUCT	-

FIG. 3

400

CUSTOMER IDENTIFIER 402	CUSTOMER DATA 404	PAYMENT IDENTIFIER 406	CONTACT INFORMATION 408	ACTIVE SUBSCRIPTION IDENTIFIER 410	SUBSIDY(S) 412
1234-5678-9012-3456	ADAM SMITH	1234-5678-9012-3456	314 PI LANE, ANYWHERE, CA, 90009	S12345, S23456	SUB345
234-678-9011	BETHANY JONES	2718-2818-2845-9045	(234)678-9011	S11111	SUB123
12345-6789	CHRISTOPHER ROBIN	1111-2222-3333-4444	EEYORE @POOH.NET	S22222	-


FIG. 4

500

RETAILER 502	AVAILABLE SUBSCRIPTION IDENTIFIER 504	PRODUCT IDENTIFIER 506	SUBSCRIPTION PRICE 508	FREQUENCY 510	DURATION 512	PENALTY 514	MODIFICATION 516	DEPOSIT AMOUNT 518
JOE'S STORE	SR1111	P1111	>= \$0.99	WEEKLY; MONTHLY	>= 6 MONTHS <= 2 YEARS	X1, X5	YES	--
JOE'S STORE	SR1112	P5555	>= 80% OF RETAIL PRICE	BIWEEKLY; BIMONTHLY	>=1 MONTH	X2, X3	YES	--
JOE'S STORE	SR1113	P4444	\$5.00	MONTHLY; BIMONTHLY	1 YEAR	X1, X3	PENDING RETAILER APPROVAL	\$10.00
SAM'S STORE	AP1111	P1111	>= \$1.50	WEEKLY; MONTHLY; EVERY 3 MONTHS	>= 1 YR <= 2 YR	X1	NO	--
CHAIN STORE #72	W_72_1111	P5555	UP TO 70% OF RETAIL PRICE	ANY	ANY	X4	NO	1/2 OF TOTAL
JOE'S STORE SAM'S STORE CHAIN STORE #72	SR1115	P2222	>= \$0.75	WEEKLY; MONTHLY	ANY	X1, X5	NO	--

FIG. 5

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600 

REDEMPTION IDENTIFIER 602	CUSTOMER IDENTIFIER 604	SUBSCRIPTION PRODUCT 606	SUBSCRIPTION PRICE 608	FREQUENCY 610	RETAILER 612	
R55555	234-678- 9011	P1111	\$1.50	WEEKLY	SAM'S STORE	
1234-5678- 9012-3456	1234-5678- 9012-3456	P4444	\$5.00	WEEKLY	JOE'S STORE	
3141-5926- 5358-9793	123-45- 6789	P6666	80% OF RETAIL PRICE	MONTHLY	SAM'S STORE; BIG STORE	
1234-5678- 9012-3456	1234-5678- 9012-3456	P2222	1/2 OF RETAIL PRICE OF P3333	WEEKLY	JOE'S STORE	


FIG. 6A

600

	START DATE <u>614</u>	END DATE <u>616</u>	DATE OF LAST REDEMPTION <u>618</u>	QUANTITY REMAINING <u>620</u>	PENALTY <u>622</u>	STATUS <u>624</u>
	9/1/02	9/1/03	10/15/02	22	-	VALID
	5/3/02	-	9/9/02	-	X3, X5	VALID
	FIRST DAY OF SUMMER	FIRST DAY OF WINTER	10/12/02	2	X4	VALID
	3/3/02	9/3/02	6/9/02	8	X5	INVALID

FIG. 6B

09 3805 03 2000

700 

SETTLED PARTY	SETTLEMENT PRICE	SETTLEMENT SCHEDULE	COMMISSION FEE
<u>702</u>	<u>704</u>	<u>706</u>	<u>708</u>
SAM'S STORE	SUBSCRIPTION PRICE	AT REDEMPTION	—
JOE'S STORE	RETAIL PRICE	UPFRONT, AT BEGINNING OF SUBSCRIPTION	\$10 FOR EACH SUBSCRIPTION ESTABLISHED
BIG STORE	AVERAGE OF RETAIL AND SUBSCRIPTION PRICES	EVERY WEEK	\$15 FOR EACH SUBSCRIPTION FULFILLED
CHAIN STORE	95% OF RETAIL PRICE	AT END OF SUBSCRIPTION	\$5,000 FOR EVERY 1,000 SUBSCRIPTIONS ESTABLISHED
LITTLE STORE	RETAIL PRICE MINUS SUBSCRIPTION PRICE	AT REDEMPTION	—

FIG. 7




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800

SUBSIDY IDENTIFIER 802	SUBSIDY PROVIDER 804	OBLIGATION 806	SUBSIDY AMOUNT 808
SUB123	MCI	SWITCH TO MCI LONG DISTANCE	\$50
SUB234	VISA	APPLY FOR A GOLD VISA CARD	\$35
SUB345	NABISCO	SUBSCRIBE TO 2 OR MORE NABISCO PRODUCTS	\$20

FIG. 8

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900 

PENALTY CODE <u>902</u>	PENALTY DESCRIPTION <u>904</u>	PENALTY CONDITION(S) <u>906</u>
X1	LOSE INITIAL DEPOSIT, END SUBSCRIPTION	END DATE PAST AND QUANTITY REMAINING >0
X2	LOSE FREQUENT SHOPPER BENEFITS	PRODUCT UNREDEEMED FOR OVER 3X THE FREQUENCY PERIOD
X3	RAISE SUBSCRIPTION PRICE \$0.05	FREQUENCY CONDITION UNMET
X4	CHARGE \$5.00, END SUBSCRIPTION	END DATE PAST AND QUANTITY REMAINING >0
X5	EXTEND DURATION ONE WEEK	FREQUENCY CONDITION UNMET

FIG. 9

MODIFICATION REQUEST <u>1002</u>	MODIFICATION RULE <u>1004</u>	MODIFICATION PENALTY <u>1006</u>
EXTEND DURATION	1 REQUEST PER SUBSCRIPTION	\$2.00
SHORTEN DURATION	1 REQUEST PER SUBSCRIPTION	INCREASE SUBSCRIPTION PRICE BY 10%
INCREASE FREQUENCY	ANY TIME	N/A
DECREASE FREQUENCY	MUST BE BY LESS THAN 50%	EXTEND DURATION BY 1 MONTH
SKIP A FREQUENCY TERM	ANY TIME	N/A FOR FIRST 3, \$2.00 EACH ADDITIONAL
END SUBSCRIPTION EARLY	1 REQUEST PER CUSTOMER PER 6 MONTHS	LOSE DEPOSIT, IF ANY
RENEGOTIATE SUBSCRIPTION PRICE	ANY TIME	N/A

1000

FIG. 10

00000"033000

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graph TD
    1100((1100)) --> 1200[ESTABLISH A SUBSCRIPTION  
AND ARRANGE FOR  
FULFILLMENT]
    1200 --> 1300[FULFILLMENT]
    1300 --> 1400[SETTLEMENT]
  
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1100

ESTABLISH A SUBSCRIPTION  
AND ARRANGE FOR  
FULFILLMENT 1200

FULFILLMENT 1300

SETTLEMENT 1400

FIG. 11

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graph TD
    1200((1200)) --> 1202[RECEIVE REQUEST TO ESTABLISH A SUBSCRIPTION 1202]
    1202 --> 1204{IS CUSTOMER NEW? 1204}
    1204 -- YES --> 1206[RECEIVE CUSTOMER INFORMATION 1206]
    1204 -- NO --> 1212[RECEIVE CUSTOMER IDENTIFIER 1212]
    1206 --> 1208[ASSIGN CUSTOMER IDENTIFIER 1208]
    1208 --> 1210[STORE CUSTOMER DATA 1210]
    1210 --> J1(( ))
    J1 --> 1216[DETERMINE SUBSCRIPTION TERMS 1216]
    1212 --> 1214[RETRIEVE CUSTOMER DATA 1214]
    1214 --> 1216
    1216 --> 1218{ARE SUBSCRIPTION TERMS ACCEPTABLE? 1218}
    1218 -- YES --> 1222[ESTABLISH SUBSCRIPTION 1222]
    1218 -- NO --> 1220{TRY AGAIN? 1220}
    1220 -- YES --> J1
    1220 -- NO --> END([END])
    1222 --> 1224[COMMUNICATE REDEMPTION IDENTIFIER TO CUSTOMER 1224]
    1224 --> 1226[COMMUNICATE SUBSCRIPTION INFORMATION TO RETAILER(S) 1226]

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FIG. 12

FIG. 12

0 9 5 3 8 0 5 0 3 0 0

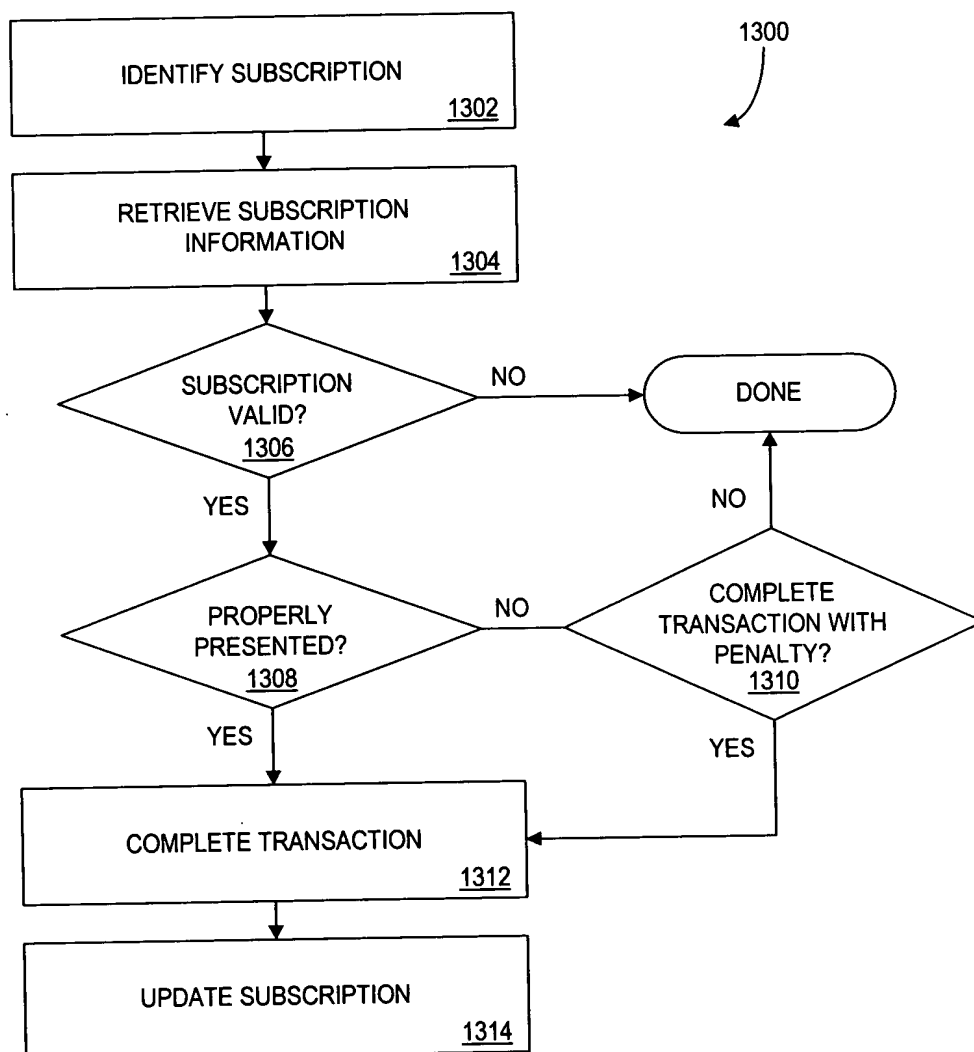


FIG. 13

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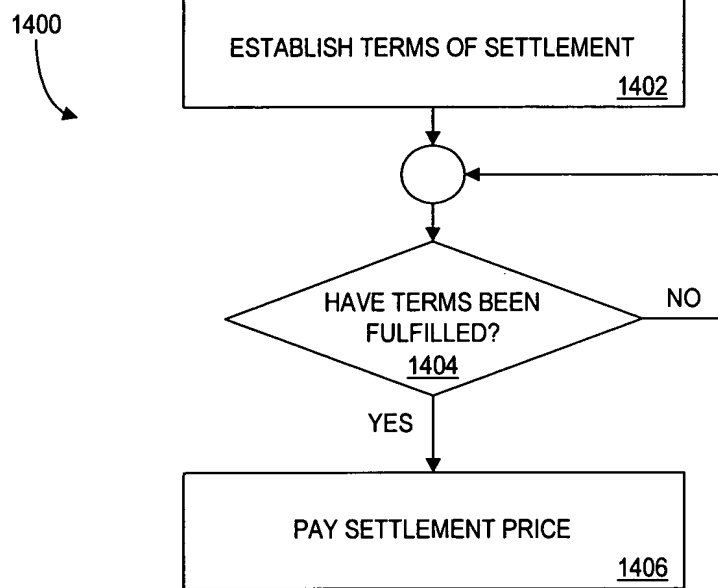


FIG. 14